

What is claimed is:

1. A method for regulating the power output of a combined-cycle power station, comprising:

determining at least one desired power output value, by which at least one regulating device of an energy generator of the combined-cycle power station is acted upon, from at least one first desired value including an electrical power output of the power station and from a second desired value including a distance heat power output of the power station, the power station including at least one heating condenser for the generation of distance heat, through which a medium to be heated flows from the secondary side; and

determining a second desired power output value by adopting a mass flow and a forward-flow temperature and return-flow temperature of the medium to be heated, with respect to the heating condenser.

2. The method as claimed in claim 1, wherein the heating condenser is heated on the primary side by heating steam, extracted from a steam turbine of the power station, and wherein the power station includes at least one condenser, into which expanded steam leaving the steam turbine is fed.

3. The method as claimed in claim 2, wherein at least one of a heating steam enthalpy, a specific heat capacity of the medium to be heated, a condensate enthalpy and a turbine efficiency are adopted in order to determine the second desired value.

4. A device for regulating the power output of a combined-cycle power station, wherein at least one desired power output value, by which at least one regulating device of an of the combined-cycle power

station is acted upon, is determinable from at least one first desired value including an electrical power output of the power station, and from a second desired value including a distance heat power output of the power station, and wherein the power station includes at least one heating condenser for the generation of distance heat, through which a medium to be heated is capable of flowing on the secondary side, comprising:

a computing unit, adapted to determine the second desired value upon being supplied with at least the following quantities of the medium to be heated, with respect to the heating condenser,

- a mass flow,
- a forward-flow temperature, and
- a return-flow temperature.

5. The device as claimed in claim 4, wherein the power station includes at least one steam turbine and one condenser connected to the steam turbine, and wherein the heating condenser is steam-heatable and is connected to the steam turbine on the primary side.

6. The device as claimed in claim 5, wherein the computing unit is adapted to determine the second desired value upon being supplied with at least one of the following quantities:

- a heating steam enthalpy,
- a specific heat capacity of the medium to be heated,
- a condensate enthalpy and
- a turbine utilization degree.

7. The method as claimed in claim 1, wherein the energy generator is a steam generator.

8. The device as claimed in claim 4, wherein the energy generator is a steam generator.